



**MARTIGNANI-KWH
PNEUMATIC-ELECTROSTATIC MIST BLOWER
WHIRLWIND-SHUTTLE B 120 "FRANCE"
PTO 3P Mounted and Pulled versions**

Hot dip galvanized basic frame – Stainless steel high capacity Centrifugal Pump (120 l/m-32 GPM flow rate for 3P mounted versions – 250 l/m-66 GPM flow rate for pulled versions) with special mechanical seals (upon request, as an alternative to Centrifugal pump: 2-membrane pump of 115 l/m-30 GPM flow rate and 20 bar-290 PSI for 3P mounted versions – with 4 membranes, 160 m/l-42 GPM flow rate and 20 bar-290 PSI for pulled versions) – KWH SINGLE suction, very high aerodynamic performance, Centrifugal Fan (9,000 cu.m./hour (317,880 cubic feet/hour) of air at 80 m/sec (262.39 feet/sec)) – MECHANICAL control (upon request with ELECTRICAL control) – 2 Stainless steel graduated scale precision CALIBRATING VALVES to carry out all spray volumes from 50 to 2,000 l/hectare (roughly 5 to 200 USG/Acre), with only one type of non clogging micronizer nozzle of \varnothing 4 mm (0.16") without problems due to clogging or wear, always at a pressure of 1.5 bar (22 PSI) – "FRANCE type head", made up by: 80 mm (3.2") hot galvanized extension with 4 x 80 (3.2") mm diam. outlets + 2 x 120 (4.8") mm diam. outlets – Trestle extension with lateral telescopic arms that can be folded manually (upon request: hydraulic folding from driver's position) to support 2+2 adjustable heads for the simultaneous treatment of **2 + 2 walls (2 complete rows) of row crop or espalier vineyard**; the entire trestle extension can vary its height manually by about 30 cm (11.70") (upon request: hydraulic height adjustment from driver's seat)- Flexible PVC pipes for air conduction to the 4 upper heads – 4 outlets, 80 mm (3.2") diam. lower diffuser with 4 double nozzle heads which can be adjusted on the horizontal and vertical planes – The axle can be adjusted in height and width (on pulled and in 3P semi-mounted versions) – Adjustable "eye type" drawbar (in pulled versions) and also available an "articulated type" drawbar with mechanical and/or hydraulic stop. UPON REQUEST: micro-drops' **ELECTROSTATIC** charge.

Available in:

- Pulled versions with **capacities of 600 l (160 USG) - 800 l (210 USG)** (with plastic reinforced fibreglass tank), **1,000 l (260 USG)** (both with polyethylene and fibreglass tank), all with integrated circuit cleaning and hand-washing tank (15 l-4 USG) according to "CE" norms.
- 3P Mounted versions **with 400 l (106 USG) capacity** (tank in polyethylene)

REQUIRED POWER: for tractors starting from **40 HP (31 kW)**

PERFORMANCE: up to **15-20** hectares per day. (35 to 45 acres per day)



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